

PROFILE - Activate Dynamic Parameter Profile

This Natural profile parameter is for mainframes only.

When you invoke Natural with dynamic profile parameters, instead of having to specify a whole string of individual parameters each time you invoke Natural, you can specify the string of parameters once, store this string under a profile name and then invoke Natural with only one dynamic parameter as follows:

`PROFILE=profile-name`

The parameters defined under this profile are passed to Natural as dynamic profile parameters. You create and maintain these profiles with the utility SYSPARM (described in the Natural Utilities for Mainframes documentation).

Possible settings	1-8 characters	Profile-name. Or special options, see below.
Default setting		
Dynamic specification	YES	
Specification within session	NO	

Special Options

In addition, the PROFILE parameter provides the following special options:

PROFILE=AUTO	Natural takes the current TP user ID (as contained in the system variable *INIT-USER) as profile name, which means that the profile defined under the name corresponding to that ID is used. If no such profile is found, a profile named "AUTO" is used instead (if available). You can define such an "AUTO" profile as default profile for users without individual profiles.
PROFILE=TERMINAL	Natural takes the current terminal ID (as contained in the system variable *INIT-ID) as profile name, which means that the profile defined under the name corresponding to that ID is used.
PROFILE=PROGRAM	Natural takes the name of the program currently executing as Natural (as contained in the system variable *INIT-PROGRAM) as profile name, which means that the profile defined under this name is used.

By default, the profile is read from the current FNAT system file.

To read it from a different system file, you can specify the desired database ID, file number, password and cipher code after the *profile-name* (or after one of the above special options) as follows:

`PROFILE=(profile-name, dbid, fnr, password, cipher-code)`

To ensure that all profile parameters are read from the same system file (other than FNAT), specify in the following in the parameter module:

`PROFILE=(, dbid, fnr)`

If the PROFILE parameter is specified within a parameter module, it is evaluated **after** the other parameters in the parameter module, but **before** any dynamically specified profile parameters are evaluated; this means that parameters specified within the profile can be overridden by individually specified dynamic parameters.

To restrict the use of a profile, you can use the USER profile parameter.

Unlike other parameters, a PROFILE parameter specification cannot be overwritten by another PROFILE. So you can have multiple parameter profiles which are evaluated all in a sequence.

The PROFILE parameter cannot be used with ADARUN MODE=SINGLE.